

**FORCON TOTAL LOAD
ORACLE REQUIREMENTS
as of 10 Feb 2003**

1. Permissions and Capabilities Required. Contact your ISSO and request the following capabilities:

- a. WPC21 Family
- b. Project MGT S0PMDBP1 PRISM Production SID
- c. PRISM Application on WPC21, only if you need to use PRISM.

2. Communications Software Needed. There are 2 pieces of software needed to access the FORCON database in the mainframe:

a. **SQL*Net** or **Net8**: Most Windows 2000/NT machines in the Corps would have either one of these installed. Net8 is the new version of SQL*Net and each one is configured differently. First, determine if either one of these is already installed:

(1) Click on **[Start]** -> **[Programs]**

(2) If **“Oracle For Windows 95”** is listed, and **“SQL Net Easy Configuration”** is listed as a sub-menu, then you have SQL*Net already installed.

(3) If **“Oracle for Windows NT”** is listed instead, select **“Network Administration”** from the sub-menu.

(4) If **“Net8 Configuration Assistant”** is an option, then you have Net8 already installed.

If you have either SQL*Net or Net8 installed, you may proceed to the next step, which is “creating a database alias”. If neither is installed, please contact your IM personnel to install **Oracle Net8** into your system.

b. **Oracle ODBC Driver** or **MicroSoft ODBC Driver for Oracle**: Most machines will have the MS ODBC driver already installed. Some Pentium 4 machines may require Oracle ODBC Driver for Oracle (ver. 8.x).

3. Creating a Database Alias: When SQL*Net or Net8 has been successfully installed, you need to create a database alias named s0pmdbp1. To do this:

- a. For **SQL*Net**, click on:
 - Start – Programs – Oracle for Windows 95 – SQL Net Easy Configuration.
 - click on the Add Database Alias button, then click OK.
 - Type s0pmdbp1 at the Database Alias box. Click OK.

- Type **wpc21.usace.army.mil** at the TCP/IP Host Name box. Then type **s0pmdbp1** at the Database Instance box. Click OK.
- Verify entries. Then click Yes.

Choose the Exit SQL Net Easy Configuration button. Click OK. You're ready to set-up your ODBC driver in "creating a data source".

b. For **Net8**, click on:

- Start – Programs – Oracle for Windows NT
- Click on Network Administration - Net8 Configuration Assistant.
- The configuration window will appear. Select 'Local Net Service Name configuration'. Click Next.
- Select 'Add'. Click Next.
- Select 'Oracle8 release 8.0 or Oracle7 database or service'. Click Next.
- In the 'Service Name' box, enter '**s0pmdbp1**'. Click Next.
- Select 'TCP' from the drop-down list. Click Next.
- In the 'Host Name' box, enter '**wpc21.usace.army.mil**'. Select 'Use the standard port number 1521'. Click Next.
- Select 'Yes, perform a test'. This test may initially fail since the system may assign a default username, other than yours, during the test.
- If the initial test fails, click on 'Change Login'.
- Enter your username and Oracle password. Click OK.
- If an error message appears, re-enter your username and password. Another reason for a connection error is if your username has not been granted the appropriate permissions. Check with your Upass administrator on this matter.
- If the message "Connecting...Test successful." appears, click Next.
- The Net Service Name will default to 's0pmdbp1'. Click Next.
- Select 'No'. Click Next.
- The message 'Net service name Configuration Complete!' will appear.
- Click Next, then click Finish.

4. Creating a Data Source:

- Click on Start – Settings – Control Panel – Administrative Tools
- Double-click on Data Sources (ODBC)
- Click on Add.
- Select Microsoft ODBC for Oracle
- Type **s0pmdbp1** at the Data Source Name box.
- Type a description (optional) at the Description box.
- Type **s0pmdbp1** at Server box. Click OK.

Note: If you are not able to connect to the mainframe after setting-up the Microsoft ODBC for Oracle, try creating the data source using the Oracle ODBC driver:

- Click on Start – Settings – Control Panel – Administrative Tools
- Double-click on Data Sources (ODBC)
- From the list of Data Sources, highlight 's0pmdbp1', then click Remove.

- Click on Add, then select Oracle ODBC Driver.
- If you do not have the Oracle ODBC Driver (version 8.x), please request your IM personnel install it. Otherwise, proceed below.
- Type **s0pmdbp1** at the Data Source Name box.
- Type a description (optional) at the Description box.
- Type **s0pmdbp1** at Service Name. Click OK.